

DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

Inventors: Bruce Techentien, Tommy Grigsby, Bryon Mullen and David Henderson

Attorney Docket No.: 009328 U1 USA

Attorney: KONNEKER & SMITH, P.C.

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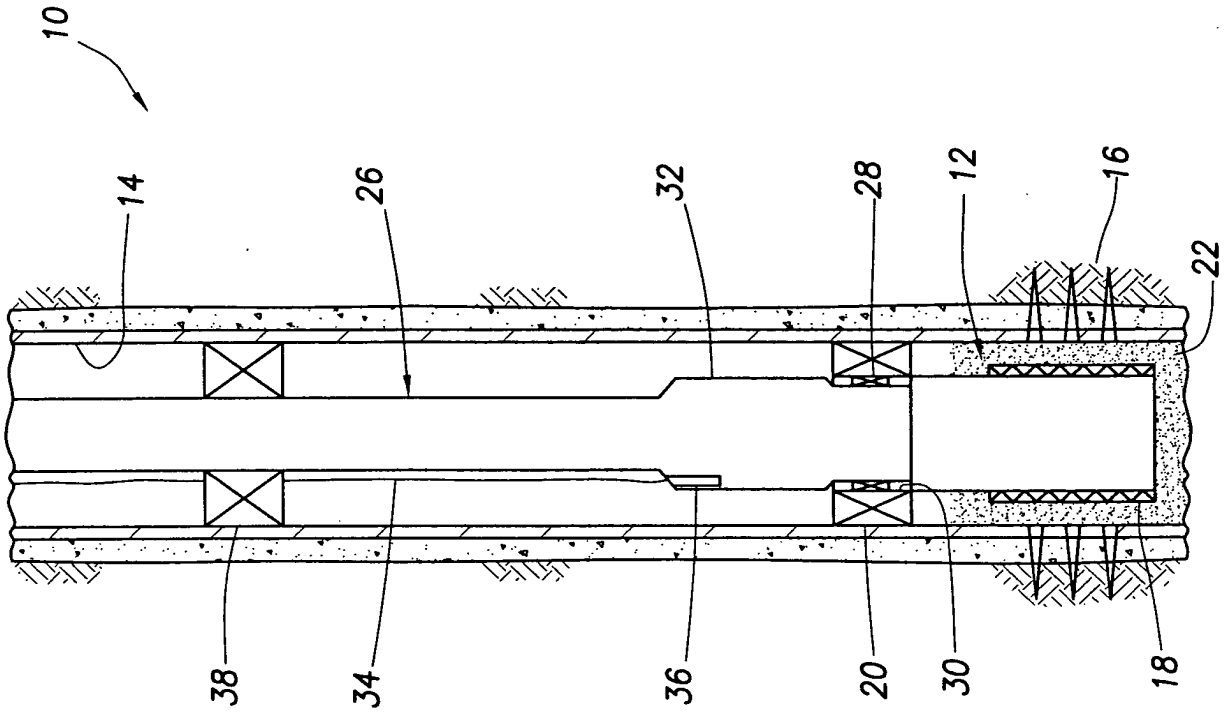


FIG. 2

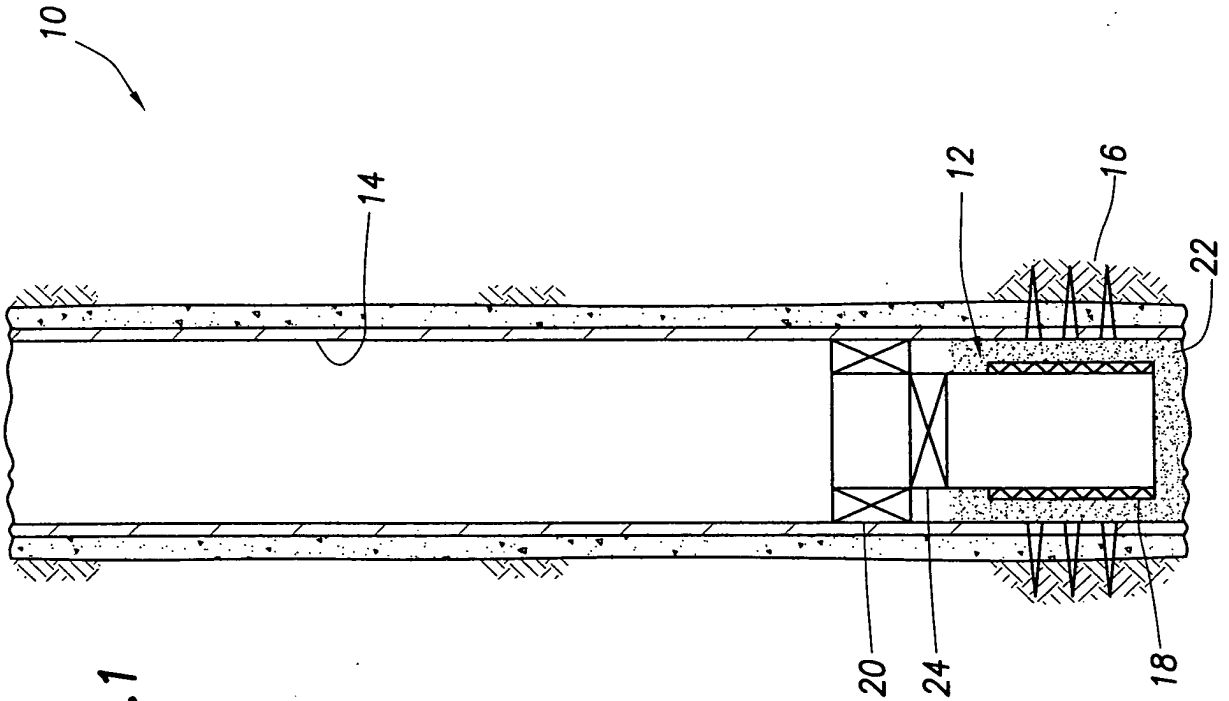


FIG. 1

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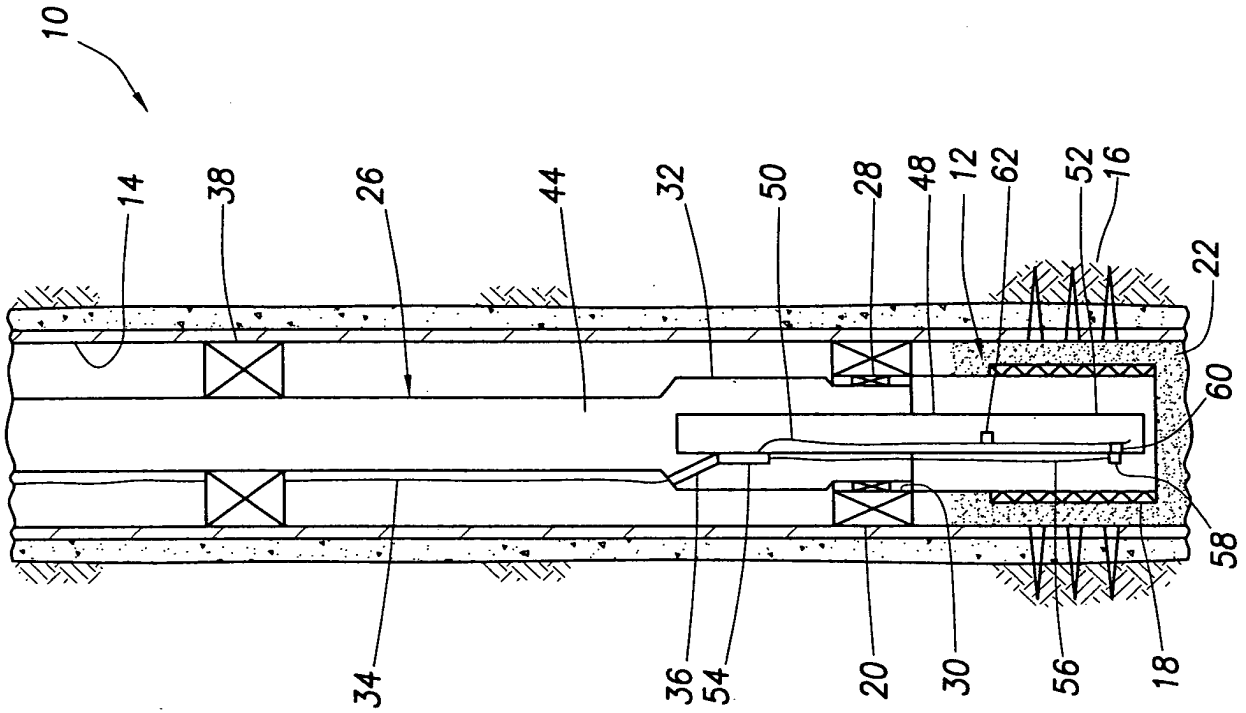


FIG. 4

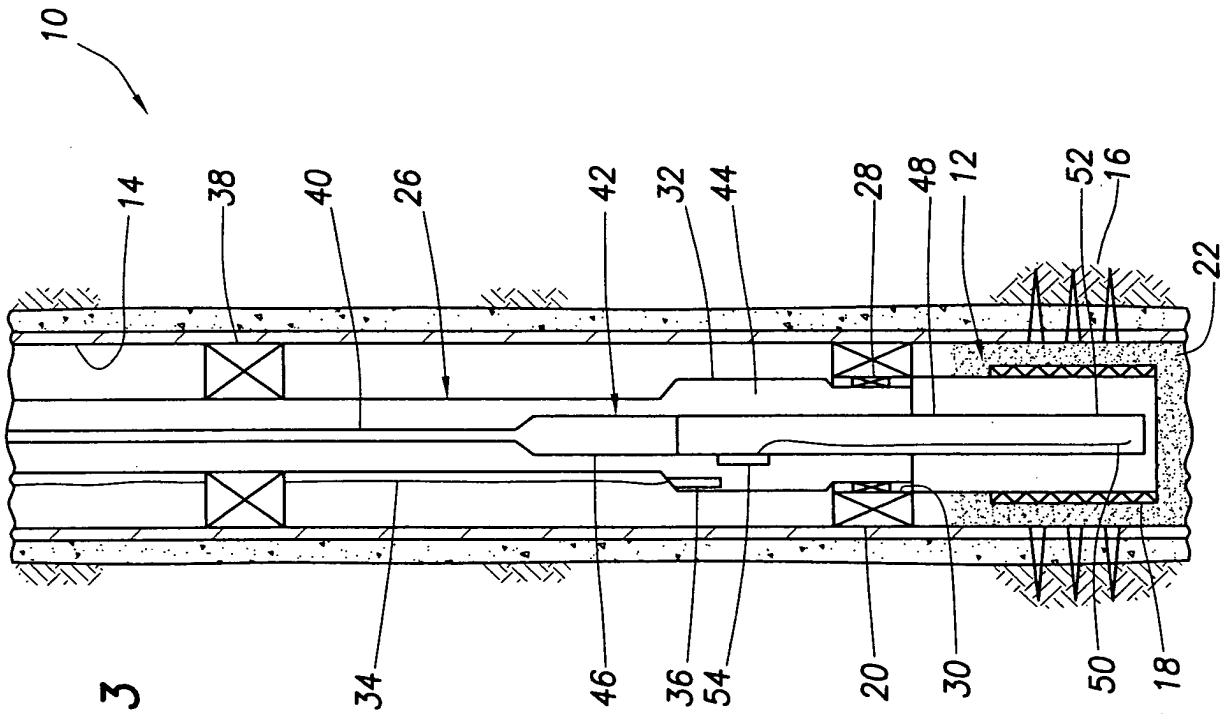


FIG. 3

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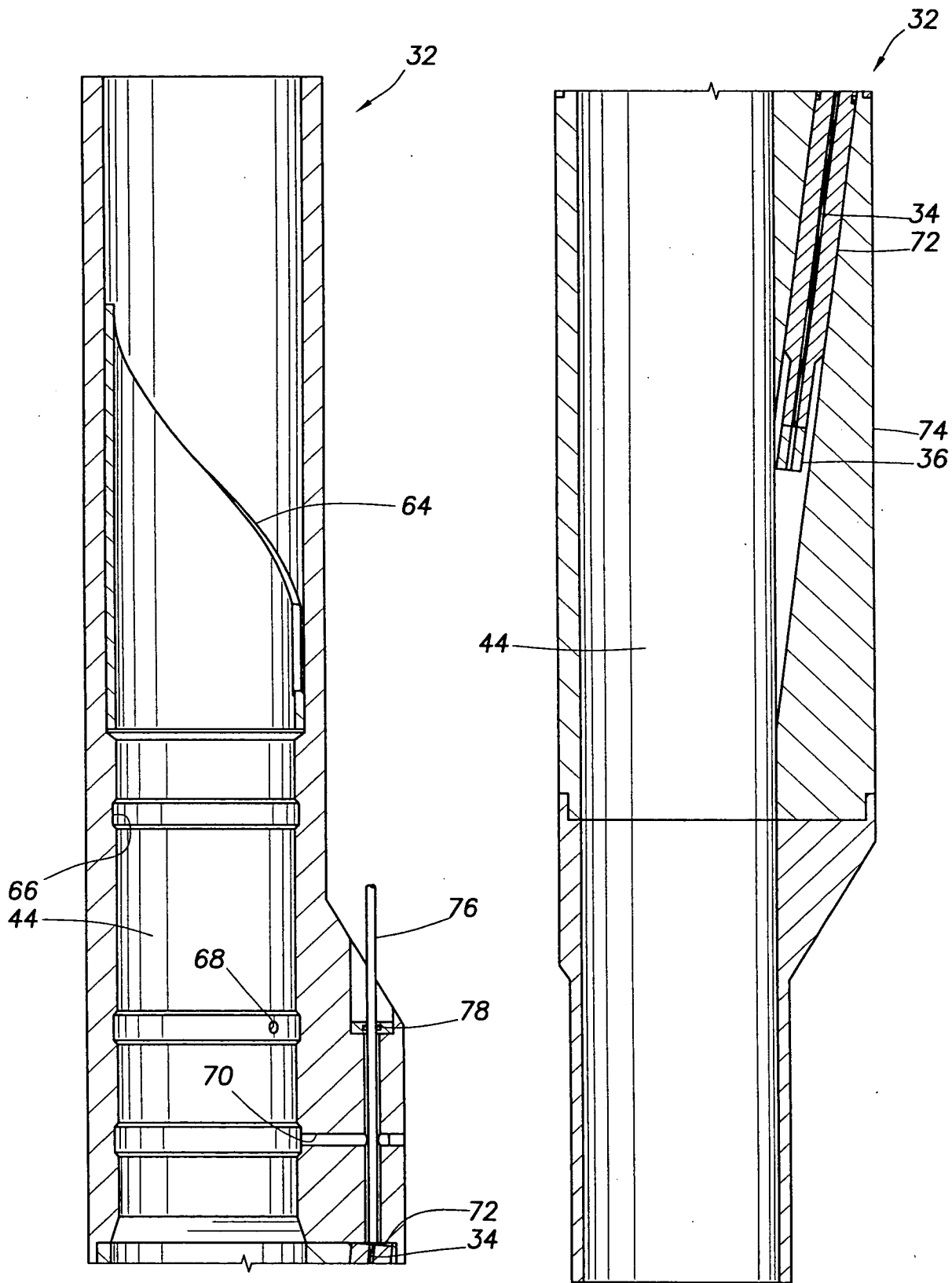


FIG.5A

FIG.5B

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DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

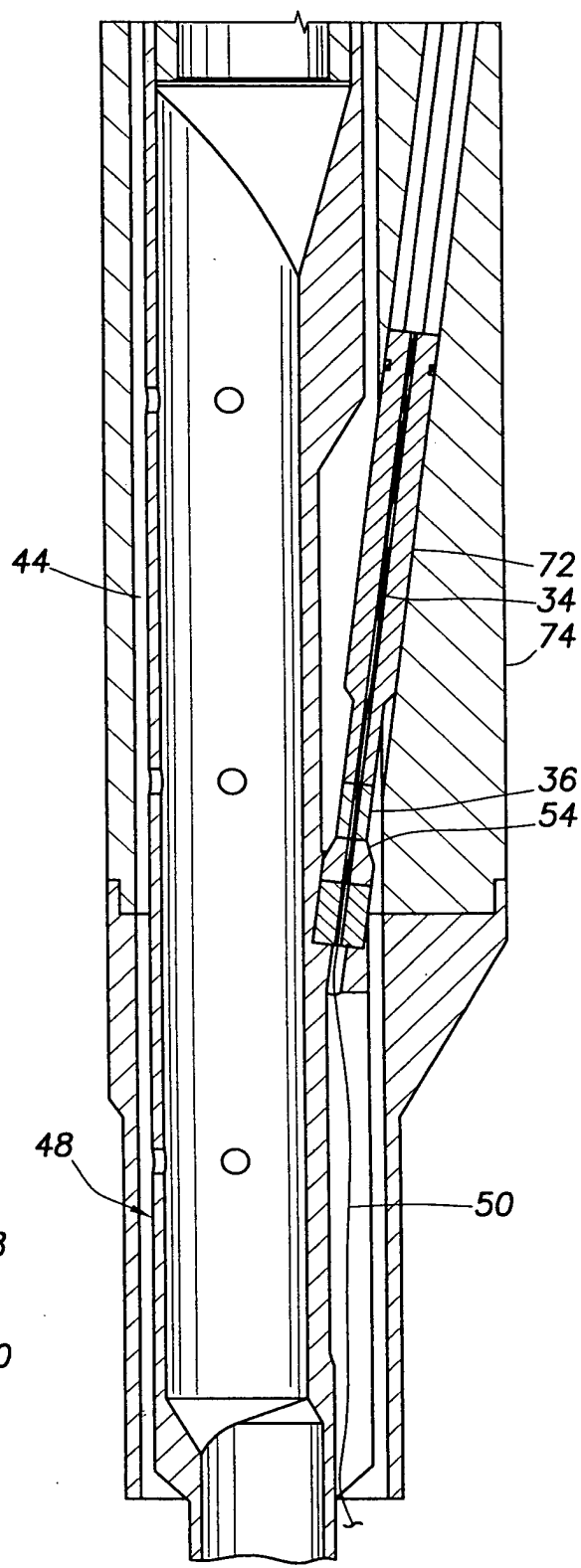
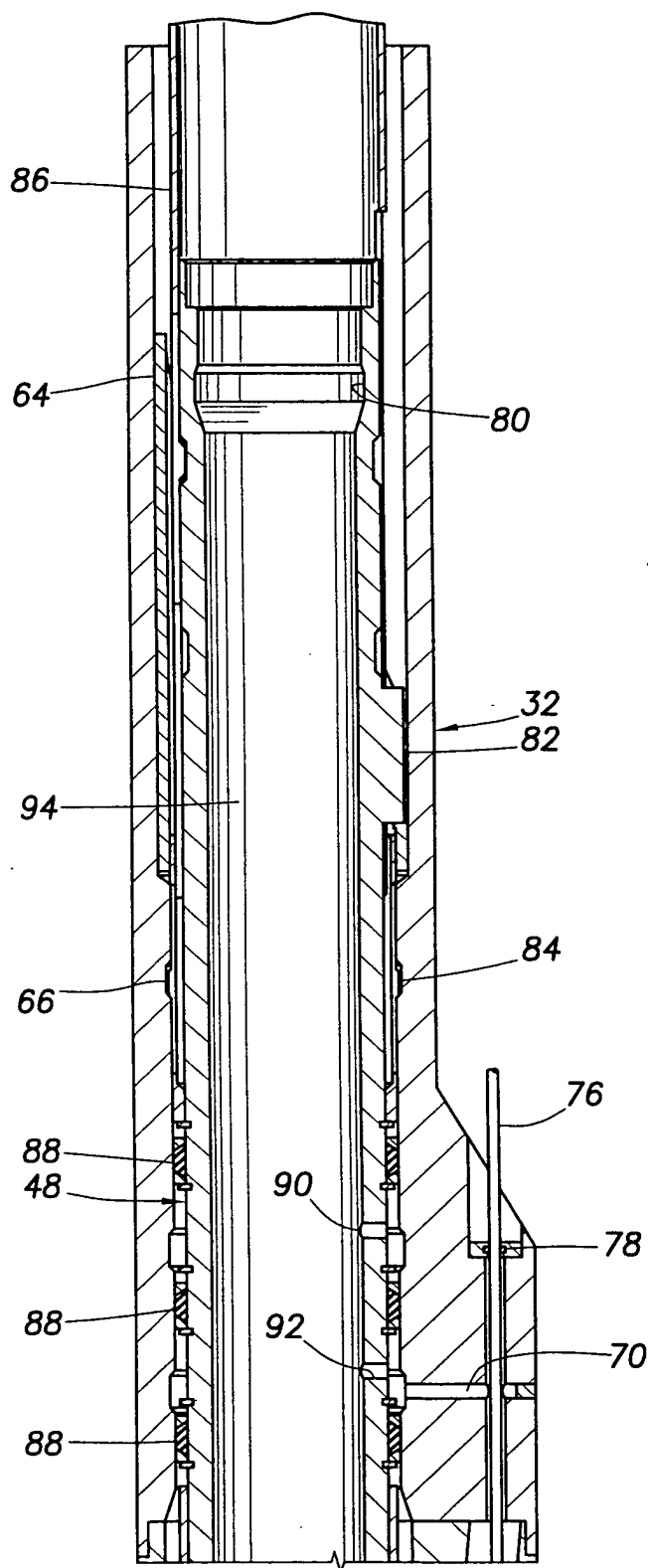
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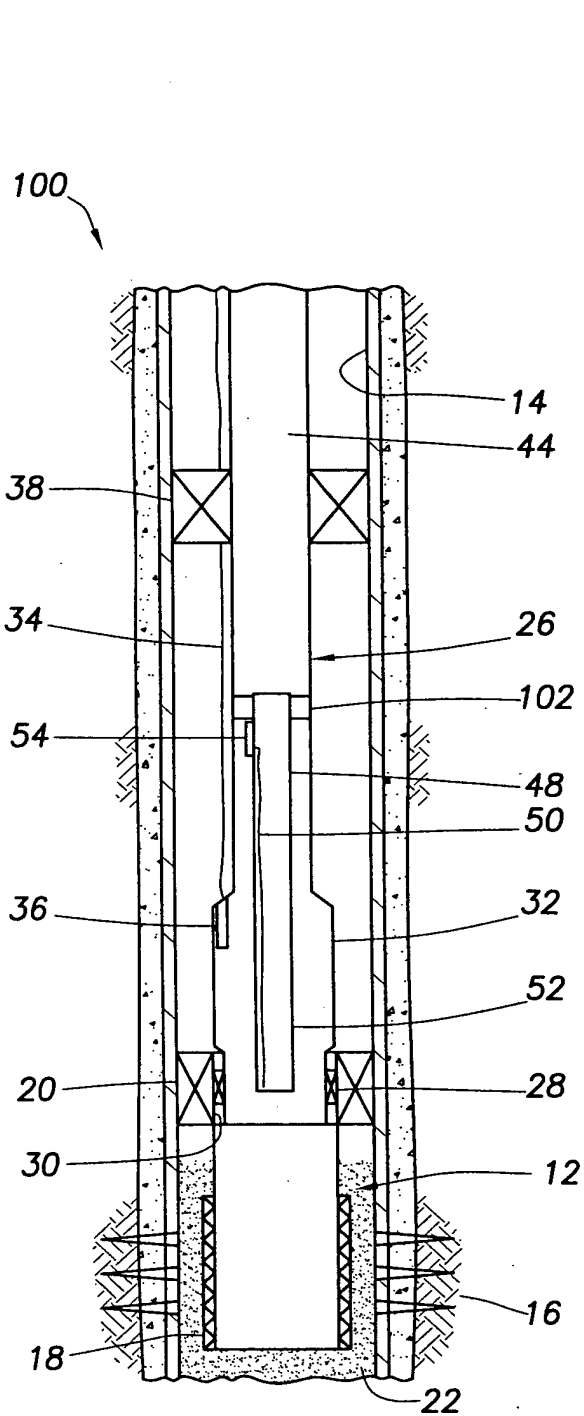


FIG. 7

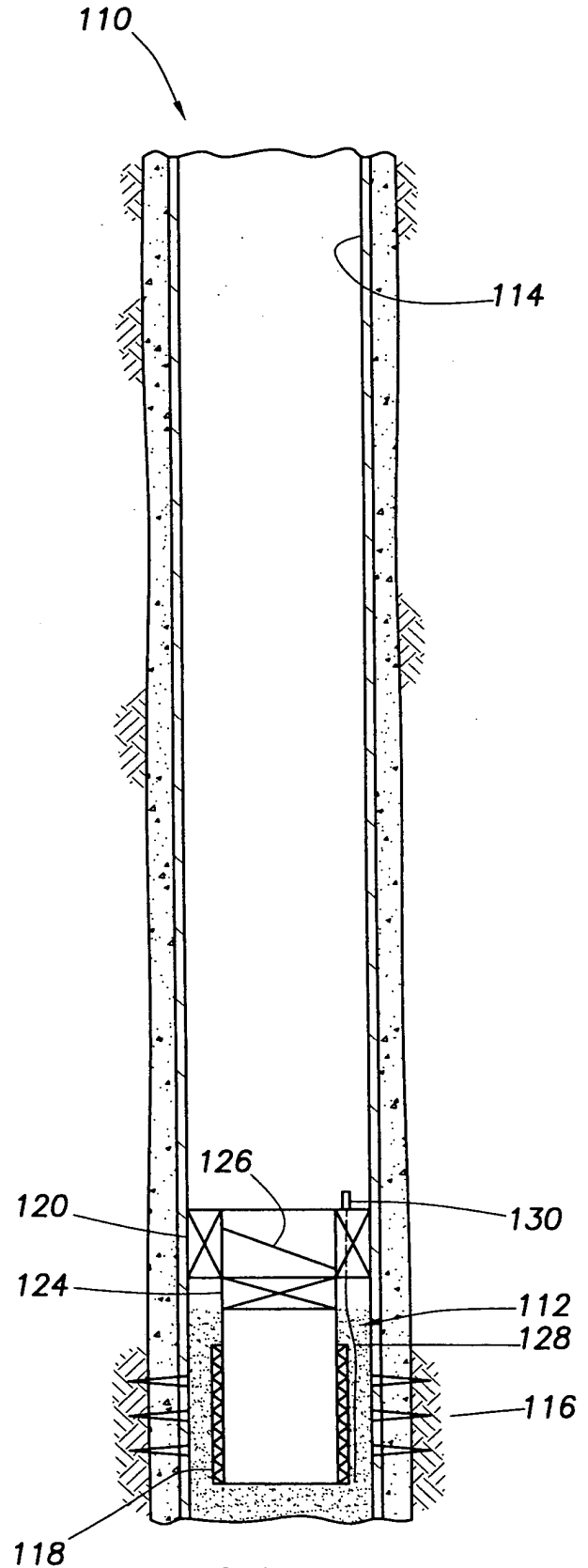


FIG. 8

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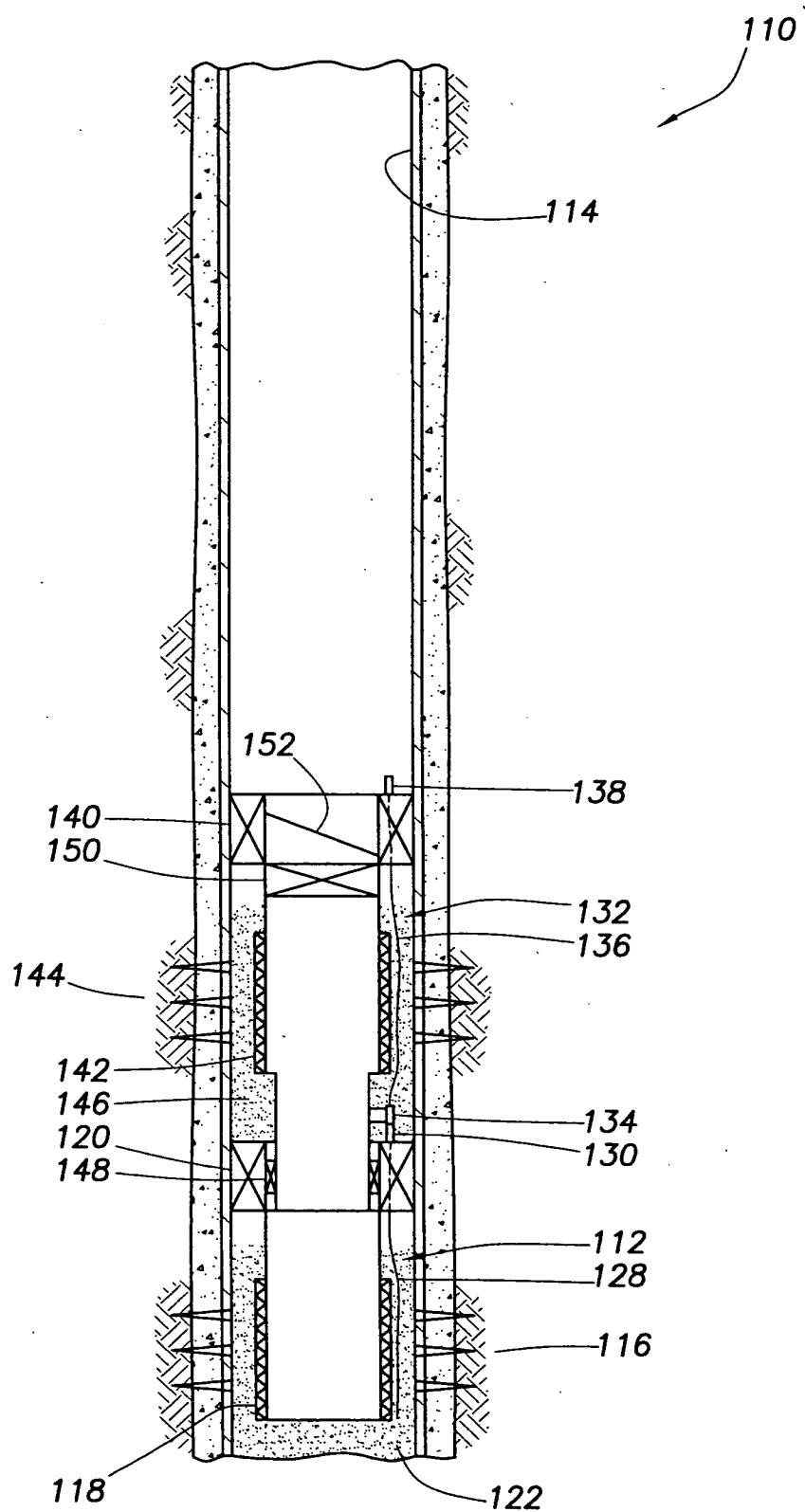


FIG.9

DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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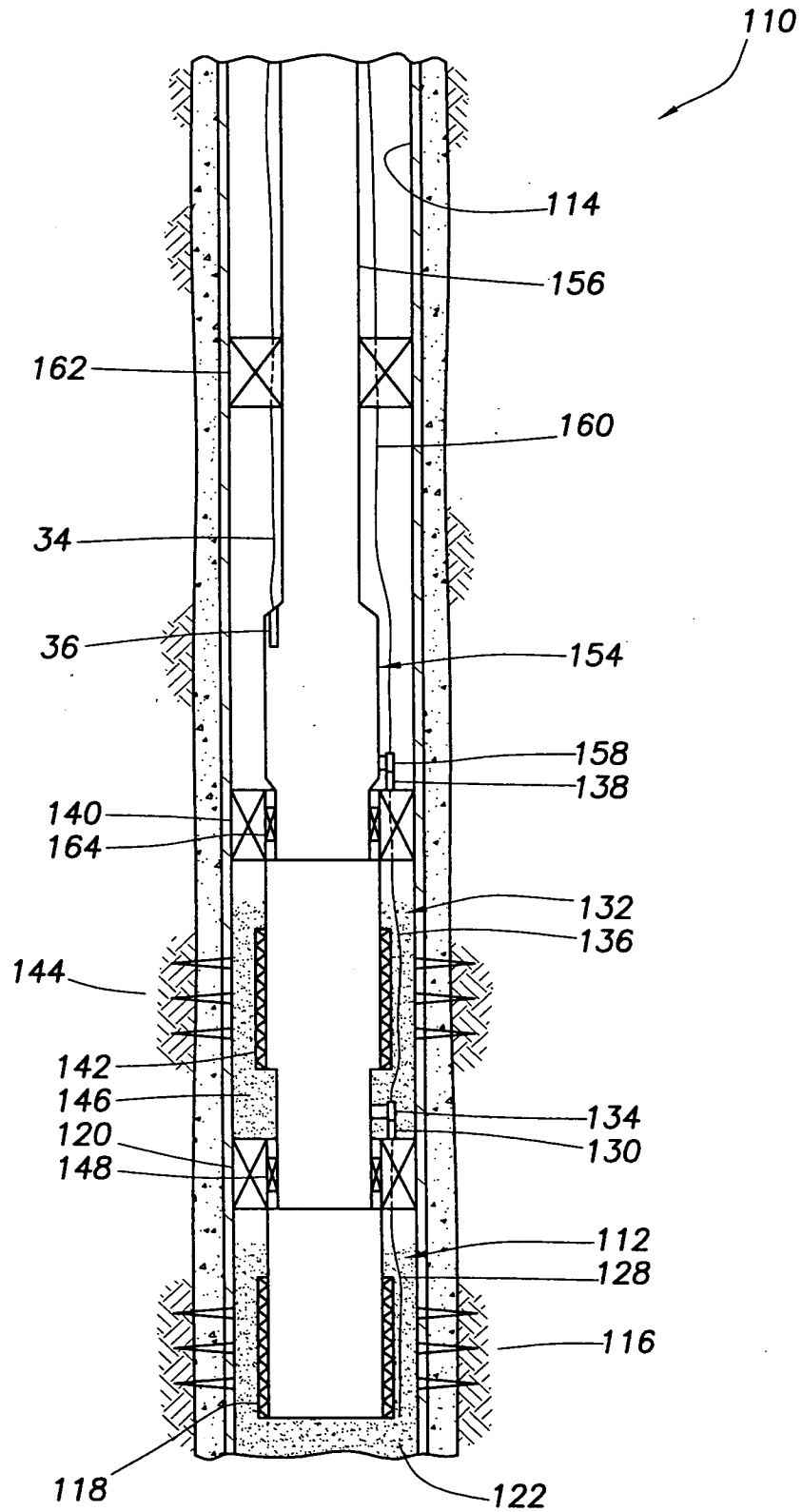


FIG. 10

DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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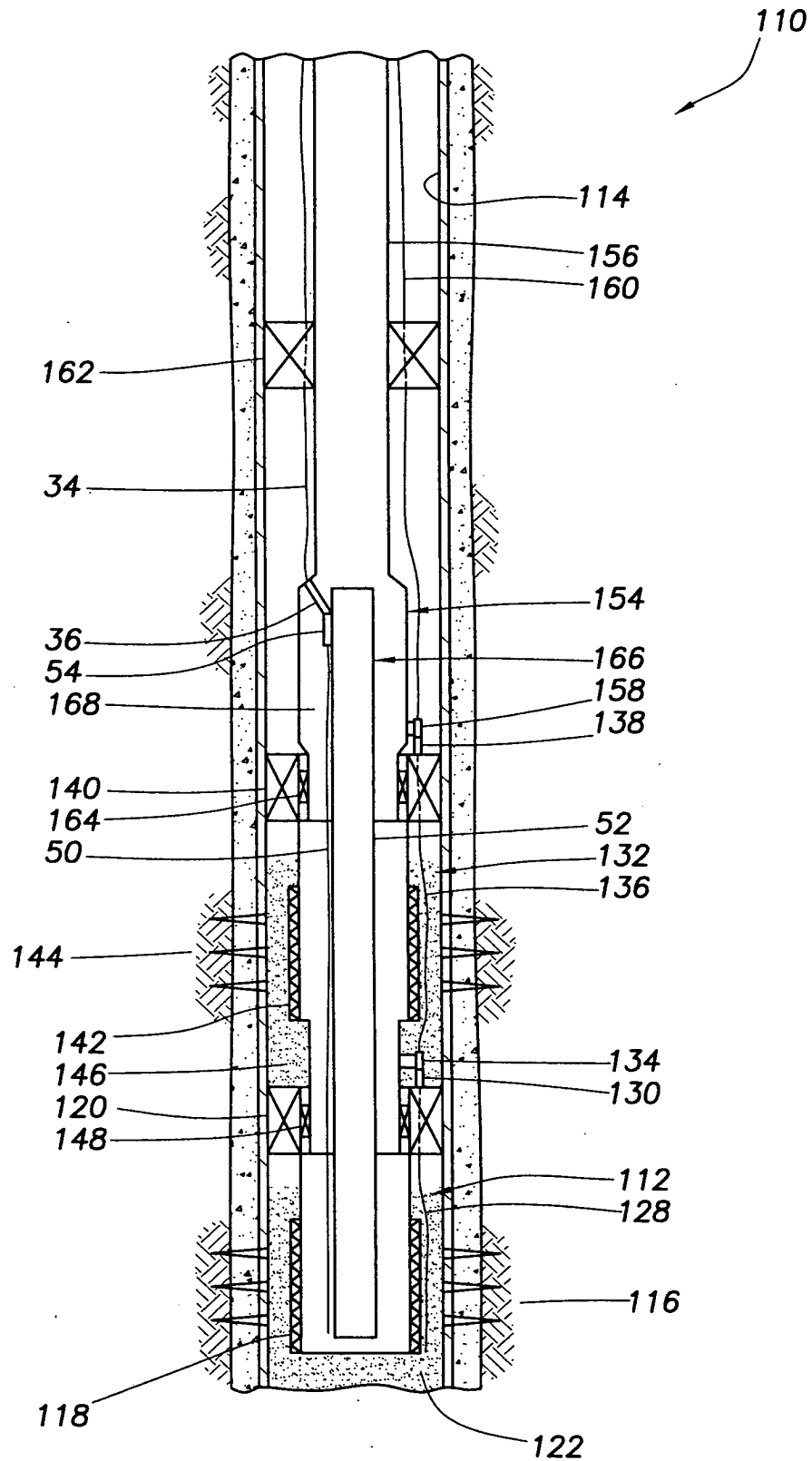


FIG. 11